

# **INDIANA HOUSEHOLD HAZARDOUS WASTE GRANT PROGRAM 1997 ANNUAL REPORT**

Pursuant to IC 13-20-20-17

March 5, 1997

## **GRANT PROGRAM HIGHLIGHTS**

The Indiana Department of Environmental Management has taken a multifaceted approach in helping solid waste management districts and communities deal with household hazardous waste issues. Grants have helped fund projects such as: household hazardous waste (HHW) storage facilities; reuse projects to avoid the need for disposal; and educational projects to increase awareness of ways to reduce usage of hazardous household products, and promote non-toxic alternatives and proper disposal. Grant funds were matched by local money and in-kind contributions.

### **Grant Award Totals**

<b>\$166,190</b>	1996 Household Hazardous Waste Grant Program
<b>\$195,200</b>	Pending awards from the Household Hazardous Waste Grant Program
<b><u>\$197,596</u></b>	HHW funding provided from the Solid Waste Management Fund
<b>\$558,986</b>	TOTAL HHW FUNDING IN 1996
<b>\$1,424,745</b>	TOTAL HHW FUNDING SINCE 1994

### **Serves 1,244,469 Residents in 31 Counties**

The 1996 Indiana Household Hazardous Waste Grant Program provided \$166,190 in grant funds to seven household hazardous waste projects, serving residents in 31 counties (21 solid waste management districts) with combined population of 1,244,469.

### **Establishes 51 Oil Collection Sites**

A regional cooperation recycling grant of \$75,076 to the Regional Household Hazardous Waste Task Force helped establish a network of 51 collection sites for motor oil, oil filters and antifreeze. Funding from the solid waste management fund helped the Task Force establish oil collection sites that met IDEM requirements for environmental safety and security.

### **Efforts Receive Funding of \$122,520**

Thirty-six solid waste management districts serving 62 counties received up to \$2,000 per county

for household hazardous waste promotion and education efforts for a total of \$122,520 from the solid waste management fund.

### **Applications Receive Approval**

In the fall of '96 the grant review committee met to consider four additional applications for funding. The committee recommended approval of grants to the City of Indianapolis, Department of Public Works (\$80,000), the Lake, LaPorte and Porter SWMDs' Mobile HHW Collection Program (\$97,000), and the Wildcat Creek Solid Waste Management District (\$18,200). These grants totaling \$195,200 are pending final state approval. An application from the Monroe County Solid Waste Management District was approved but is currently being renegotiated.

## **STATE HHW ACTIVITIES UPDATE**

Household hazardous waste services across the state have continued to expand since the inception of the Household Hazardous Waste Grant Program in 1994. Cooperative, regional projects have achieved successes and are providing services to areas that would not otherwise be served.

### **Cooperative Arrangement Expands Services**

The Johnson County Solid Waste Management District is developing a cooperative project with the City of Indianapolis. This innovative project will provide vouchers to Johnson County residents to enable them to utilize the Marion County "tox-drop" facility located in southern Indianapolis for disposal of HHW. Indianapolis' "tox-drop" facilities were established in 1996 with the help of a \$60,000 IDEM grant.

### **Project Celebrates Third Year**

The Cass, Howard and Tipton solid waste management districts have developed a successful project that is celebrating its third year of providing cost-effective services. The districts use a mobile collection facility to provide HHW collection and disposal services to the residents of the three counties.

### **Regional Project Expands Services and Reduces Costs**

The Lake Michigan District Mobile HHW Collection Program is in its third successful year. The project is establishing permanent hazardous waste storage facilities in each county. These facilities will enable the program to expand services and reduce disposal costs through reuse of certain less-hazardous household waste.

### **Project Is Largest of its Kind Nationwide**

In less than two years, a 1994 grant-funded (\$54,382) household battery recycling project has become the largest of its kind nationwide. The project is a cooperative effort started by 17 solid waste management districts in the southern part of the state. The districts joined together to form the Regional Household Hazardous Waste Task Force. By combining resources, the districts--

mainly made up of small rural counties with limited budgets and resources--successfully implemented a project that today makes household battery recycling available to more than two million Indiana residents. As of December 1996, 34 districts serving 52 counties were participating in the project.

### **Projects Receive Awards**

The Household Battery Recycling Project and Monroe County SWMD's Regional Hazardous Materials Facility were selected as award winners by the Southern Indiana Rural Development Project, Inc. The Household Battery Recycling Project and Regional Hazardous Materials Facility were recognized in the categories of Public Service and Health and Safety. The Hazardous Materials Facility was recognized for its cost-effective hazardous waste collection and disposal services to other solid waste management districts, homeowners and small businesses. It serves the residents of Monroe County and thirty-three other SWMDs (52 counties) through inter-local agreements.

### **Project Receives National Attention**

The Household Battery Recycling Project and the regional approach to providing HHW services received national attention through an article published in the May 1996 issue of *Resource Recycling*, a respected trade publication. Excerpts of this article were published in the January, 1997 issue of IDEM's bimonthly publication, *Indiana Environment and Materials Exchange*.

### **Establishes Fifty-One Used Motor Oil Collection Sites**

The success of the Household Battery Recycling Project led to a 1995 grant to the Household Hazardous Waste Task Force to establish a regional network of 51 collection sites for used motor oil, oil filters and antifreeze in seventeen counties. The project includes a comprehensive advertising campaign, utilizing standardized promotional materials implemented in all participating districts. The districts also distribute educational curriculum to driver education classes and auto mechanics courses, focusing on the proper disposal of automotive products and the use of recycled and re-refined automobile fluids. Since the project's successful implementation over 25,000 gallons of used motor oil has been collected from households, and three districts have applied for funding to establish eight additional collection sites.

## **IDEM SUPPORTS LOCAL EFFORTS**

Our multifaceted approach to supporting local efforts extends beyond grants to providing assistance in dealing with HHW management and disposal issues.

### **IDEM Helps With Most Troublesome Hazardous Waste**

In '96 IDEM continued assisting solid waste districts, counties, cities and towns deal with some of the most troublesome hazardous waste generated. Many communities and solid waste management districts have been reluctant to offer household hazardous waste services because of concerns over the high cost of waste disposal, and disposal costs have strained the budgets of existing programs.

IDEM utilized hazardous waste clean-up funds to prevent certain hazardous waste from being improperly disposed of and ending up in Indiana landfills, or polluting groundwater, lakes or streams. IDEM collects and disposes of:

- 1) Cancelled or suspended pesticides,
- 2) Bulk mercury (not thermometers, thermostats, or other devices),
- 3) Radioactive wastes (not smoke alarms), and
- 4) Other extremely hazardous waste.

Because this is an unique program, we approve disposal on a case-by-case basis. The program accepts the above wastes from households and some businesses. The business waste *must* be from businesses that did not generate the waste as a result of their regular business activity.

For example, IDEM assisted the Crawford County Solid Waste Management District after the district became aware of a box containing 16 quart bottles of DDT labeled "War Time Formula," in an antique store. The district had neither the facility nor the budget to deal with this waste. IDEM arranged for packaging, transport and disposal of the waste utilizing staff from IDEM's Office of Environmental Response.

#### **Facility Managers Discuss Facility Safety and Management**

Since the summer of '96, IDEM has been meeting quarterly with HHW facility managers representing solid waste management districts and communities to discuss safety and facility management issues. As a result of these meetings, the facility managers identified needs for technical assistance and training. The group is currently preparing a grant proposal for a HHW Facility Managers and Workers Training, a HHW Facility Operations Guidebook, and the creation of HHW public information web pages accessible through IDEM's home page on Access Indiana.

## **PROGRAM DESCRIPTION**

In 1996, the Department of Environmental Management received fourteen applications for Household Hazardous Waste Grants. Grant funds could be used for start-up or to enhance existing projects that collect, handle, pack, transport and dispose of household hazardous waste. Applicants were encouraged to consider the following areas in planning grant applications:

- , Dedicated Facilities
- , Exchange or Reuse Projects
- , Disposal Bans or Advanced Disposal Fees
- , Public or School Education Projects
- , Demonstration Projects

To be eligible, each applicant needed to address effective methods of educating the public and promoting the project in their application. Grant applications were reviewed by a

committee consisting of:

Bill Boxell, Ball Foster Class Container Company  
Larry Wilson, Indiana Recycling Coalition  
Lance Hodge, Porter County Solid Waste Management District  
Kevin Neal, Office of Indiana State Chemist  
Norm Crampton, Indiana Institute on Recycling  
Carol Findling, Trash Force  
Tom Neltner, Department of Environmental Management  
Bob Gedert, Department of Environmental Management  
Steven Boggs, Department of Environmental Management

Following competitive review processes, grants were awarded to seven household hazardous waste projects serving residents in 32 counties. Of the other seven submitted projects, three are pending final state approval, one is being renegotiated, two received funding through the Indiana Recycling Grants Program, and one project was withdrawn. The 1996 program provided funds to 21 solid waste management districts to help develop and implement HHW projects. Grant funds were matched by local money and in-kind contributions. Projects included an innovative voucher project for Johnson county residents for disposal of household hazardous waste at Indianapolis' new "Tox-Drop" facilities, the construction of a regional HHW disposal facility, and a five-county household battery collection project.

### **1996 Household Hazardous Waste Grantees**

1. Miami County Solid Waste Management District, \$4,000
2. Johnson County Solid Waste Management District, \$37,900
3. Regional Household Hazardous Waste Task Force, \$37,033
4. Perry County Solid Waste Management District, \$36,000
5. West Central Solid Waste Management District, \$19,957
6. Vanderburgh County Solid Waste Management District, \$6,300
7. Amendment -- Monroe Solid Waste Management District, \$25,000

**\$166,190** Total amount awarded in the 1996 Indiana Household Hazardous Waste Grant Program from the Hazardous Substance Response Trust Fund.

The Regional Household Hazardous Waste Task Force consists of the following solid waste management districts: Brown, Daviess, Dubois, Floyd, Gibson, Greene, Jackson, Johnson, Knox, Lawrence, Martin, Monroe, Pike, Posey, Spencer, Southeastern Indiana (Franklin, Jennings, Ripley, Scott, Jefferson, Switzerland and Ohio counties), and Vanderburgh.

### **1996 Projected Funding Requirements**

The HHW grant program's goal is to reduce the improper disposal of household hazardous waste that damages infrastructure, harms individuals and contaminates our water. Our objective

is to develop a statewide infrastructure and ensure residents are educated on this important issue.

The household hazardous waste grants awarded in 1996 enabled many solid waste management districts to implement projects or enhance already existing projects. The end result is many more residents have access to proper disposal alternatives and to reuse and recycling options for the hazardous waste they generate. However, many of the funded projects have a limited scope. Please refer to the project descriptions on pages three and four. In addition, many areas of the state do not have household hazardous waste collection services. It is the intent of the Department of Environmental Management to assist these areas with education and collection through current and future funding rounds of the Indiana Household Hazardous Waste Grant Program.

In 1997, \$250,000 in funding is available for household hazardous waste grants. The Department of Environmental Management anticipates that all appropriations for the Indiana Household Hazardous Waste Grant Program will be awarded.

## **PROJECT DESCRIPTIONS**

### **1996 Indiana Household Hazardous Waste Grantees**

#### **West Central Solid Waste Management District** **\$19,957**

The district will establish a household battery collection and recycling project throughout the five-county district. The district will utilize educational and promotional materials developed by the Household Hazardous Waste Task Force for their successful battery recycling project. The project will educate the public about responsible management of batteries and the problems associated with improper disposal.

#### **Johnson County Solid Waste Management District** **\$37,900**

The district will provide vouchers to Johnson county residents for disposal of household hazardous waste at Indianapolis' new "Tox-Drop" facilities. The project will enable the district to provide HHW services in a cost-effective manner without an investment in the construction of a facility. Because as many as 80% of county residents live within five miles of the Marion county line, access to Indianapolis' south side facility located at the Perry Township Government Center will be relatively convenient. The voucher system will enable the district to control what wastes are taken for disposal at the Indianapolis facilities and to direct some wastes to other disposal or recycling options.

#### **Miami County Solid Waste Management District** **\$4,000**

The district will distribute a special issue of "One Man's Trash" to county residents. "One Man's Trash" is a newspaper insert that provides information about source reduction and recycling. The special issue on household hazardous waste will be inserted into the local paper and community shopper, and distributed at the county fair. This project will be complemented by annual household hazardous waste collection days.

**Regional Household Hazardous Waste Task Force****\$37,033**

The task force, working through the Monroe County Solid Waste Management District, will continue to implement a joint demonstration project which established a regional network of collection locations for used motor oil, oil filters and antifreeze. The Task Force will continue a comprehensive advertising and education campaign targeting people who change their own oil and driver education and automotive mechanics students. The campaign focuses on the proper disposal of automotive products and promotes the use of recycled oil. The project serves residents in seventeen participating districts in southern Indiana (22 counties) with a population totaling nearly one million.

**Perry County Solid Waste Management District****\$36,000**

The district will establish a facility for the collection of household hazardous waste at the centrally-located Branchville recycling collection and volume-rate-trash disposal center. Initially the facility will only accept household batteries, paint, motor oil, oil filters, and antifreeze. Eventually the facility will accept thinners/solvents, chlorinated solvents, fluorescent light bulbs, aerosols, picture tubes, mercury switches and thermometers. The facility will also have an exchange and reuse project for paint and other exchangeable items.

**Vanderburgh County Solid Waste Management District****\$6,300**

The district will distribute a brochure on household hazardous waste to every household in the county. The district's goal is to inform residents of ways to reduce usage of hazardous household products, and promote non-toxic alternatives and proper disposal. This project will complement the district's household hazardous waste collection.

**Monroe County Solid Waste Management District****\$25,000**

An amendment to a 1995 grant provided funding to the District to create a HHW reuse center and used oil collection site at its regional HHW facility. The District's goal is to reduce HHW disposal costs by recycling and reusing hazardous household products. The district's paint exchange is actively used by residents.